

# Air Operating Permit (AOP) - Renewal

version 2.3

(Submission #: HP8-YW73-6M698, version 1)

Digitally signed by:  
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Go Daddy Secure Certificate Authority - G2  
Date: 2021.06.09 12:15:01 -05:00  
Reason: Submission Data  
Location: State of North Dakota

## Details

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**Submission ID** HP8-YW73-6M698

**Submission Reason** Renewal

## Form Input

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### Form Instructions

In accordance with NDAC 33.1-15-14-03.9, an application for renewal of a minor source permit must be submitted ninety days prior to the expiration date stated in the permit.

When completing the online application, if uploaded files are provided in each section (when indicated), do not include those same files in the General Document Upload/File Upload section. If uploading the application files in the General Document Upload/File Upload section, only fill out the required (asterisked) sections of the online application.

### Section A - Permit Information

**Permit Number**

AOP-28149

**Permit Version**

4

**Permit Issue Date**

11/15/2016

**Expiration Date**

11/15/2021

**Owner**

**Company Name**

Coteau Properties Company

**Address**

204 County Road 15

Beulah, ND 58523

United States

**Responsible Official****Prefix***NONE PROVIDED***First Name      Last Name**Sarah              *Flath***Title***Environmental Manager***Phone Type      Number              Extension**

Business          701-873-7217

**Email**

sarah.flath@nacoal.com

**Address**

204 County Road 15

Beulah, ND 58523

USA

**Contact Person for Air Pollution Matters****Prefix***NONE PROVIDED***First Name      Last Name**Kayla              *Torgerson***Title***Environmental Specialist***Phone Type      Number              Extension**

Business          701-873-7332

**Email**

kayla.torgerson@nacoal.com

**Address**

204 County Road 15

Beulah, ND 58523

USA

**Section B (Part 1) - Facility Location****Facility Name**

Coteau Properties Company - Freedom Mine

**Portable?**

No

**Facility Location**

204 County Road 15

Beulah, ND 58523

Mercer

**Facility Location:**

47.3842,-101.843

**Section B (Part 2) - Additional Location Information****Legal Description of Facility Site**

Qtr Qtr	Qtr	Section	Township	Range
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Land area at facility site (in sq. ft.)

NONE PROVIDED

Mean sea level (MSL) elevation at facility (in feet)

NONE PROVIDED

## Section C - Nature of Business

### General Nature of Business

Describe Nature of Business	NAICS Code	SIC Code
Coal Mining	212111-Bituminous Coal and Lignite Surface Mining	12210106

## Section D - Process Equipment Information (1 of 16)

### Emission Unit - FUG 1

#### Emission Unit ID

FUG 1

#### Emission Unit Description

Fugitive Emissions. Topsoil removal and replacement. Overburden removal and replacement. Coal and overburden blasting operations. Coal loading and transferring to lignite handling facilities.

#### Emission Point ID

FUG 1

#### Emission Point Description

NONE PROVIDED

#### Emission Process Description

NONE PROVIDED

#### Emission Unit Status

Existing, no change

#### Applicable PTCs

PTC Number
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#### Applicable Federal Air Programs

Program Code
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#### Applicable State Regulations

Regulation
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#### Emission Unit Forms

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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#### Forms

NONE PROVIDED

#### Attach Forms

NONE PROVIDED

#### Comment

NONE PROVIDED

## Section D - Process Equipment Information (2 of 16)

### Emission Unit - 1-2

#### Emission Unit ID

1-2

#### Emission Unit Description

Two truck dumps with a hopper capacity of 700 tons each (west truck dump)

#### Emission Point ID

1-2

#### Emission Point Description

NONE PROVIDED

#### Emission Process Description

NONE PROVIDED

#### Emission Unit Status

Existing, no change

#### Applicable PTCs

PTC Number
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#### Applicable Federal Air Programs

Program Code
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#### Applicable State Regulations

Regulation
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#### Emission Unit Forms

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#### Forms

NONE PROVIDED

#### Attach Forms

NONE PROVIDED

#### Comment

NONE PROVIDED

## Section D - Process Equipment Information (3 of 16)

### Emission Unit - 3-4

#### Emission Unit ID

3-4

#### Emission Unit Description

Two Nation Iron Company Model FD4476 apron feeders with a design capacity of 2,000 tons per hour (tph) each (west truck dump)

**Emission Point ID**

3-4

**Emission Point Description**

Fogger #1

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED
<b>Comment</b>
NONE PROVIDED

**Section D - Process Equipment Information (4 of 16)****Emission Unit - 5-6****Emission Unit ID**

5-6

**Emission Unit Description**

Two MMD Model 625 primary crushers, and two MMD Model 625 secondary crushers, each with a design capacity of 2,000 tph (west truck dump)

**Emission Point ID**

5-6

**Emission Point Description**

Fogger #1

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (5 of 16)****Emission Unit - 7-8****Emission Unit ID**

7-8

**Emission Unit Description**

Two Continental Conveyors 54" wide primary conveyors with a design capacity of 2,000 tph each (north and south belts)

**Emission Point ID**

7-8

**Emission Point Description**

Fogger #1

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (6 of 16)****Emission Unit - 9****Emission Unit ID**

9

**Emission Unit Description**

Two Fisher 84" x 11" 6" apron feeders, each with a design capacity of 2,000 tph (4th floor, secondary crusher building)

**Emission Point ID**

9

**Emission Point Description**

Fogger #2

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, modification

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

## Section D - Process Equipment Information (7 of 16)

### Emission Unit - 10-11

#### Emission Unit ID

10-11

#### Emission Unit Description

Two American Pulverizer Company Model ACC-57J secondary crushers, each with a design capacity of 2,000 tph (3rd floor, secondary crusher building)

#### Emission Point ID

10-11

#### Emission Point Description

Fogger #2

#### Emission Process Description

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

#### Emission Unit Status

Existing, modification

#### Applicable PTCs

PTC Number
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#### Applicable Federal Air Programs

Program Code
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#### Applicable State Regulations

Regulation
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#### Emission Unit Forms

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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#### Forms

NONE PROVIDED

#### Attach Forms

NONE PROVIDED

#### Comment

NONE PROVIDED

## Section D - Process Equipment Information (8 of 16)

### Emission Unit - 12-13

#### Emission Unit ID

12-13

#### Emission Unit Description

Two Continental Conveyors with Hanson Drives Model 54 wide feed conveyors, each with a rated capacity of 2,000 tph (6th and 7th floor, secondary crusher building)



**Emission Point ID**

12-13

**Emission Point Description**

Fogger #2

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (9 of 16)****Emission Unit - 14-15****Emission Unit ID**

14-15

**Emission Unit Description**

Two Continental Conveyors Model 60 wide feed conveyors, each with a rated capacity of 2,000 tph (1st floor, secondary crusher building, L1 and L2)

**Emission Point ID**

14-15

**Emission Point Description**

Fogger #3

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (10 of 16)****Emission Unit - 16-17****Emission Unit ID**

16-17

**Emission Unit Description**

Two Continental Conveyors with Hanson Drives Model 54 wide fines conveyors, each with a design capacity of 2,000 tph (3rd floor, fines building)

**Emission Point ID**

16-17

**Emission Point Description**

Bagfilter

**Emission Process Description**

Design efficiency of at least 99% (Peabody Model PSTR-10-121C)

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (11 of 16)****Emission Unit - 18****Emission Unit ID**

18

**Emission Unit Description**

One truck dump with a hopper capacity of 878 tons (east truck dump) East Coal Handling Facility (Const. before 4/28/2008, 40 CFR Part 60, Subpart Y)

**Emission Point ID**

18

**Emission Point Description**

NONE PROVIDED

**Emission Process Description**

NONE PROVIDED

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

## Section D - Process Equipment Information (12 of 16)

### Emission Unit - 19

#### Emission Unit ID

19

#### Emission Unit Description

One 2,000'-long covered conveyor rated at 2,000 tph (4CV1 conveyor under haul road to 7th floor secondary crusher building) East Coal Handling Facility (Const. before 4/28/2008, 40 CFR Part 60, Subpart Y)

#### Emission Point ID

19

#### Emission Point Description

NONE PROVIDED

#### Emission Process Description

NONE PROVIDED

#### Emission Unit Status

Existing, no change

#### Applicable PTCs

PTC Number
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#### Applicable Federal Air Programs

Program Code
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#### Applicable State Regulations

Regulation
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#### Emission Unit Forms

Using the Forms dropdown list, select applicable forms. For each form selected, a link to the form will be displayed below. Use the link to download each form, then complete the form and attach it to this application using the attachment control below.

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#### Forms

NONE PROVIDED

#### Attach Forms

NONE PROVIDED
<b>Comment</b>
NONE PROVIDED

## Section D - Process Equipment Information (13 of 16)

### Emission Unit - 20

#### Emission Unit ID

20

#### Emission Unit Description

One Fisher 6' x 21' apron feeder with a design capacity of 2,000 tph (east truck dump) East Coal Handling Facility (Const. before 4/28/2008, 40 CFR Part 60, Subpart Y)

**Emission Point ID**

20

**Emission Point Description**

Fogger #4

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (14 of 16)****Emission Unit - 21****Emission Unit ID**

21

**Emission Unit Description**

One primary crusher rated at 2,000 tph (east truck dump) East Coal Handling Facility (Const. before 4/28/2008, 40 CFR Part 60, Subpart Y)

**Emission Point ID**

21

**Emission Point Description**

Fogger #4

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

**Section D - Process Equipment Information (15 of 16)****Emission Unit - 22****Emission Unit ID**

22

**Emission Unit Description**

One secondary crusher rated at 2,000 tph (east truck dump) East Coal Handling Facility (Const. before 4/28/2008, 40 CFR Part 60, Subpart Y)

**Emission Point ID**

22

**Emission Point Description**

Fogger #4

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

## Section D - Process Equipment Information (16 of 16)

### Emission Unit - 23

**Emission Unit ID**

23

**Emission Unit Description**

One 700'-long fully covered conveyor rated at 2,000 tph (4CV01, from east truck dump secondary crusher to transfer building to 4CV1) East Coal Handling Facility (Const. before 4/28/2008, 40 CFR Part 60, Subpart Y)

**Emission Point ID**

23

**Emission Point Description**

Fogger #4

**Emission Process Description**

All foggers are Raring Corporation or DCI Corporation Agglomerative Dust Suppression Systems that use water vapor fog to suppress dust. Fogger numbers designate control panel.

**Emission Unit Status**

Existing, no change

**Applicable PTCs**

PTC Number
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**Applicable Federal Air Programs**

Program Code
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**Applicable State Regulations**

Regulation
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**Emission Unit Forms**

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**Forms**

NONE PROVIDED

**Attach Forms**

NONE PROVIDED

**Comment**

NONE PROVIDED

## Section E - Facility-Wide Applicable Regulations and Potential to Emit (PTE)

### Applicable Federal Air Programs

Program Code
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### Applicable State Regulations

Regulation
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### Potential to Emit (PTE)

Pollutant	Tons Per Year Without Fugitives	Tons Per Year With Fugitives
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## Section F: Redline Permit Upload

Use the attachment control below to upload a redline version of your existing permit document, showing any changes.

### Attach redline version of permit here

Q85004\_3\_0.docx - 06/09/2021 09:54 AM

#### Comment

NONE PROVIDED

## Section G - File Upload

### File Upload

Use the attachment control below to upload any other information necessary for application review, such as plot plans, process diagrams, maps, etc.

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### Attachments

NONE PROVIDED

#### Comment

NONE PROVIDED

### Additional Forms

Additional forms that may be needed for the application can be found at the following link:

[Additional Air Quality forms](#)